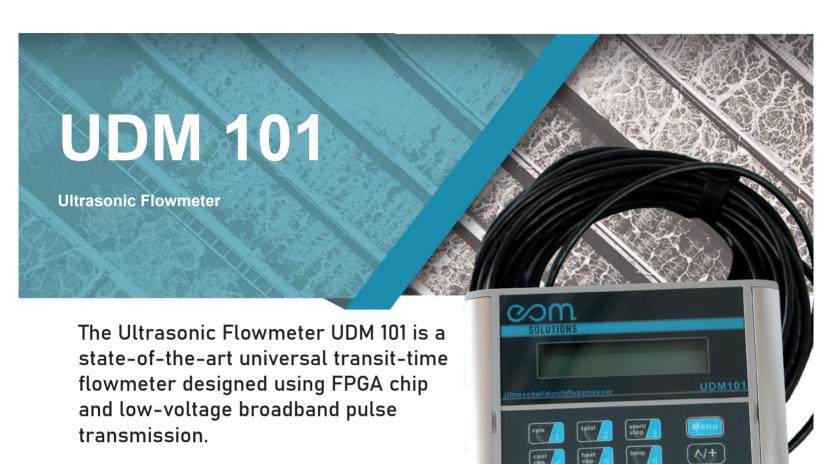


Ihr Partner für messtechnische Systemlösungen.



Comparing with other traditional flowmeter or ultrasonic flowmeter, it has distinctive features such as high precision, high reliability, high capability and low cost.

Ultrasonic Flowmeter features:

- TVT technology designed
- Less hardware components, low voltage broadband pulse transmission, low consumption power
- Clear, user-friendly menu selections make flowmeter simple and convenient to use
- Daily, monthly and yearly totalized flow Parallel operation of positive, negative and net flow totalizes with scale factor (span) and 7 digit display, while the output of totalize pulse and frequency output are transmitted via relay and open collector.



## **SPECIFICATION**

## PERFORMANCE SPECIFICATIONS

Flowrange	±0,01 m/s ~ ±5,00 m/s
Accuracy	±1 % of measured value
Pipe size	DN25 ~ DN1200
Pipe material	Steel, stainless steel, cast iron, ductile cast iron, copper, PVC, aluminium, asbestos and fiberglass / epoxy
Fluid	Water / sewage water

## **FUNCTION SPECIFICATIONS**

Outputs	OCT Pulse output: 0 ~ 5000Hz	
-	Analog output: 4 ~ 20mA, max load 750Ω	
Communication interface	RS485 Modbus	
Power supply	10-36 VDC / 1A	
Keypad	16 (4x4) keys	
Display	20×2 lattice alphanumeric, back lit LCD	
Temperature	UDM101: -10 °C ~ + 50 °C	
·	Sensors: 0 °C ~ 80 °C	
Humidity	Up to 99% RH, non-condensing	

## PHYSICAL SPECIFICATIONS

Transmitter	UDM101: IP65
	Sensors: IP68
Transducer cable	9 m (up to 300 m possible)
Weight	UDM101: 0,7 kg
	Sensors: 0,4 kg
Dimensions WxHxD	UDM101: 150,0 x 155,0 x 68,0 mm
	Sensors: 31.8 x 55.0 x 23.5 mm

